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15 MAY 1963

Mr. Clarence W. Nichols
Office of the Assistant Secretary,
Economic Affairs
Department of State
Washington 25, D. C.

Dear Nick:

1. Forwarded herewith is the material compiled by our Office of Scientific Intelligence (OSI) in response to your request concerning Soviet usage of frequencies in the bands the U.S. plans to propose for space usage.

2. Soviet Bloc occupancy of the radio spectrum from 27.5 megacycles to 40.0 gigacycles is set out in general terms, in the chart, "Sov Bloc Observed Radio Spectrum (occupancy, as of April 1963)." In this chart, the Geneva 1959 Allocation Table, as applicable to the Soviet Bloc, is set out on the left, with observed radio operations of the Bloc summarized by frequency band and types of service on the righthand side.

3. Because this chart is limited to Soviet Bloc occupancy of the radio spectrum and does not contain the level of detail requisite to frequency usage -- such as discrete frequency, types of emission, bandwidth, channel capacity and flexibility, or geographical distribution of facilities -- OSI also has included as background materials a series of Intelligence Reports which bear, directly or indirectly, on Soviet Bloc radio frequency usage, on Soviet space activities, and on Soviet research and development in devices applicable to use in the upper radio spectrum areas. These reports are as follows:

✓ EEC AR-6, October 1962, Status of High-Capacity Communications of the Soviet Bloc, SECRET.

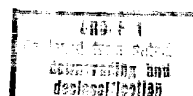
✓ CIA/RR ER 62-12, April 1962, Technology in Post and Telecommunications in the U.S.R., 1959-60, SECRET.

CIA/OSI-34/62-3, 15 June 1962, Soviet Capabilities and Intentions in the Use of Earth Satellites for Telecommunications, SECRET.

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CIA/OAI-SR/63-10, 12 March 1963, Soviet Meteorological Satellite Developments in the Cosmos Series, SECRET.

CIA/OAI-SR/63-9, 12 March 1963, Soviet Atmospheric Research -- Upper Atmospheric Structure and Composition, SECRET.

CIA/OAI-SR/61-39, 25 October 1961, Soviet Astronomy and Radio-astronomy with Related Space Developments, SECRET.

CIA/OAI-SR/61-41, 7 November 1961, Soviet Radiocastrography Antenna Research and Development, SECRET/NOFORN, [REDACTED]

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CIA/OAI-SR/62-8, 9 March 1962, Soviet Research and Development Related to Millimeter and Submillimeter Wave Devices, SECRET.

4. Our Security people ask you to pass along the reminder that if these intelligence materials are made available to the Telecommunications Committee, it is the responsibility of the chairman of that committee to determine that all members hold current security clearances through the SECRET level and that the material will be stored, protected and controlled in accordance with existing Executive Orders pertaining to security.

5. Any further intelligence that OAI develops on this subject before the opening of the IASC on Space Communications will be forwarded to you promptly. If the Telecommunications Division, after reviewing the enclosed materials, has any questions, [REDACTED] of OAI (Code 143, extension 6730), the responsible analyst, will be available to respond.

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6. We hope that this arrangement will meet the Department's needs for information on this subject.

Sincerely yours,

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[REDACTED]

[REDACTED]

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Enclosures: (2)
As stated above.

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